

ABSTRACT

Modified glycosides are provided which can be used to form a variety of materials including solid delivery systems, and optically clear colored devices or coatings. The solid delivery systems can be used for delivery and release of a variety of substances can be in the form of tablets for oral administration, or in the form of powders, microspheres or implants for intravenous, intradermal, transdermal, pulmonary or other route of administration. The modified glycosides may be processed to form a vitreous glass matrix having a substance, such as a therapeutic agent, or an optically active dye incorporated therein. In one embodiment, the vitreous glass matrix is provided in a solid dose form which is capable of releasing a therapeutic substance *in situ* at various controlled rates.